

Smoking "A Life Choice"

Name(s): _____

Study I (note: 1 pack=20 cigarettes)

Sandy started smoking one pack of cigarettes a day (\$5.50/pk.) when she was 18. After getting married, she and her husband decided they wanted to start a family; she quit smoking at the age of 25. Sandy stopped smoking for 10 years but then resumed at age 35. She limited herself to 10 cigarettes a day (\$8.20/pk.), for the rest of her life.

Age	Cigarettes/Day	Cost Per Pack
18-24	20	\$5.50
25-34	0	-
35-	10	\$8.20

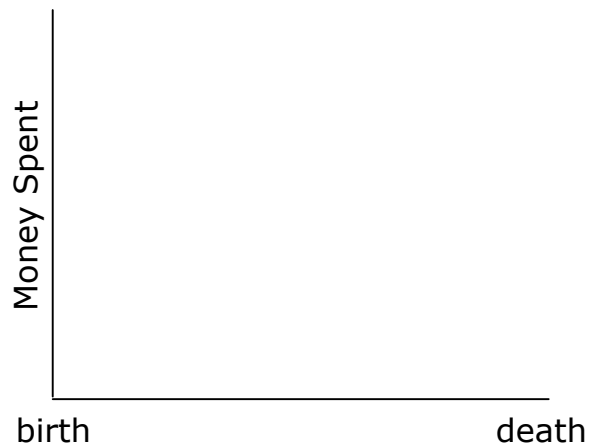
Run the simulation as described, listing factors that affect Sandy's health below.

Copy the final results and graph.

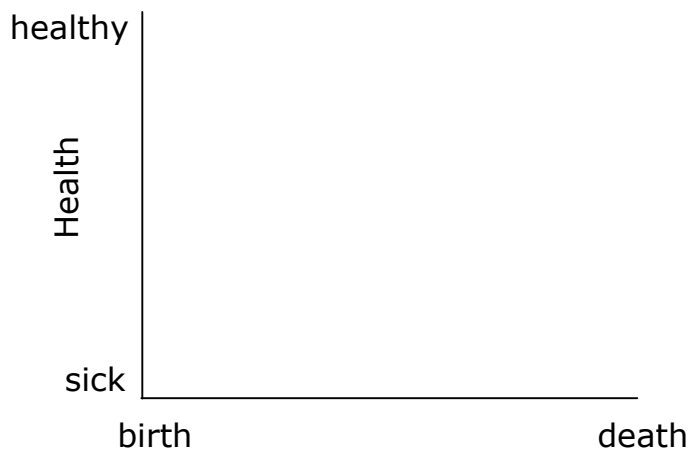
Total money spent:

Life expectancy: _____

Total years lost: _____



Now draw a graph of how you think her health changed over time. Don't forget to consider how her health was affected when she smoked more or less cigarettes.



Explain what caused his health to get better or worse over time.

Study II

John started smoking about 10 cigarettes a day(\$4.00/pk.) when he was 13. By the time he was 17, he was smoking 2 packs a day(\$5.00/pk.). Although John tried many times to quit smoking, he couldn't kick the habit.

Age	Cigarettes/Day	Cost Per Pack
13-16	10	\$4.00
17-	40	\$5.00

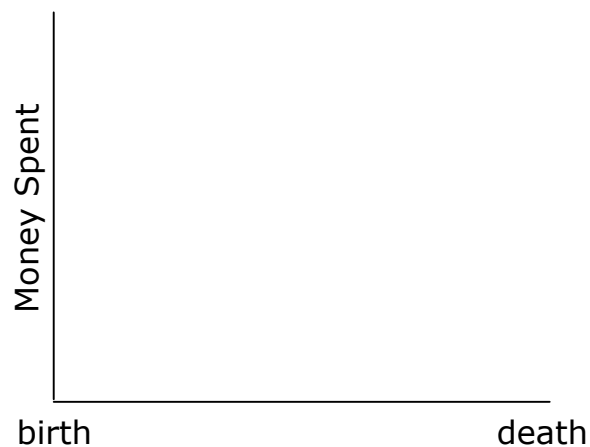
Run the simulation as described, listing factors that affect John's health below.

Copy the final results and graph.

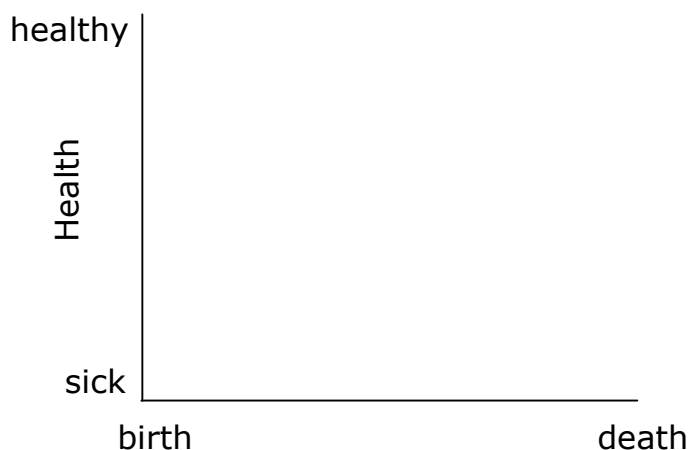
Total money spent:

Life expectancy:_____

Total years lost:_____



Now draw a graph of how you think John's health changed over time. Don't forget to consider how his health was affected when he smoked more cigarettes.



Explain what caused his health to get better or worse over time.

Study III

Sarah started smoking one pack a day (\$5.30/pk.) at age 24. By the time she was 30, she was smoking three packs a day (\$7.50/pk.). After being told by a doctor that she had heart problems, she made an effort to stop. Because she had been smoking for so long and was addicted to the nicotine, quitting was very difficult. By the time she was 40, she was down to a pack a day (\$10.00/pk.). By 50, she had stopped smoking.

Age	Cigarettes/Day	Cost Per Pack
24-29	20	\$5.30
30-40	60	\$7.50
40-49	20	\$10.00
50-	0	-

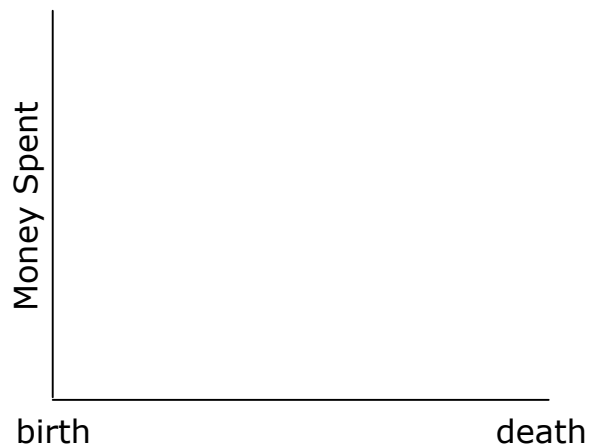
Run the simulation as described, listing factors that affect Sarah's health below.

Copy the final results and graph.

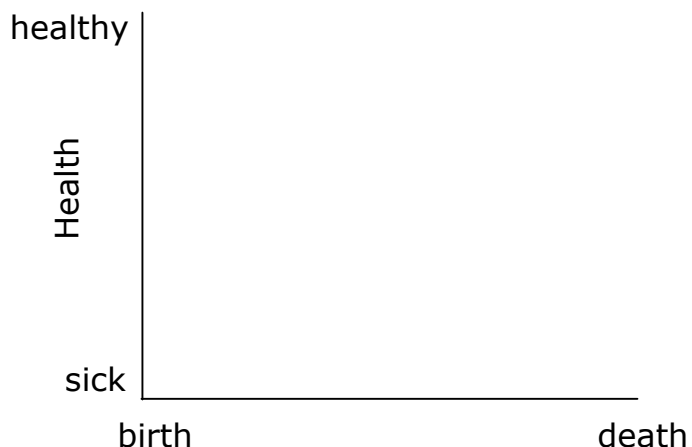
Total money spent:

Life expectancy: _____

Total years lost: _____



Now draw a graph of how you think her health changed over time. Don't forget to consider how her health was affected when she smoked more or less cigarettes.



Explain what caused his health to get better or worse over time.

Study IV Create your own *realistic* scenario:

Age	Cigarettes/Day	Cost Per Pack

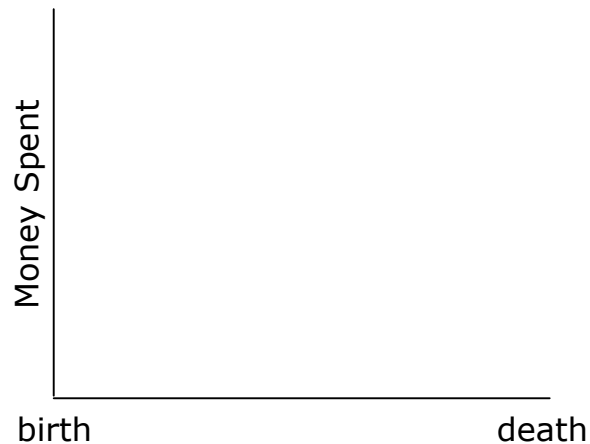
Run the simulation as described, listing factors that affect his/her health below.

Copy the final results and graph.

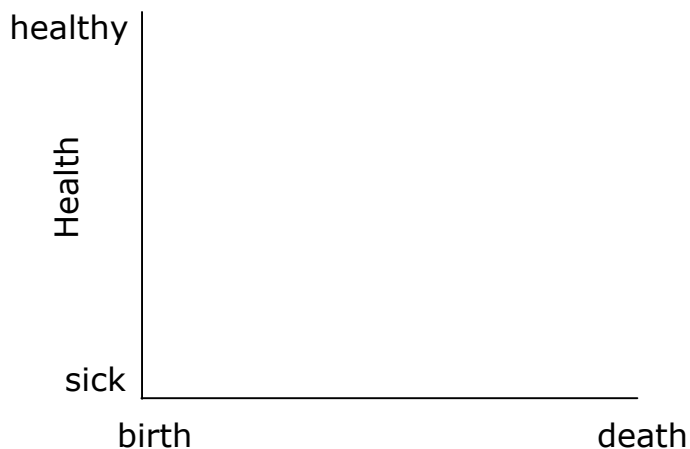
Total money spent:

Life expectancy: _____

Total years lost: _____



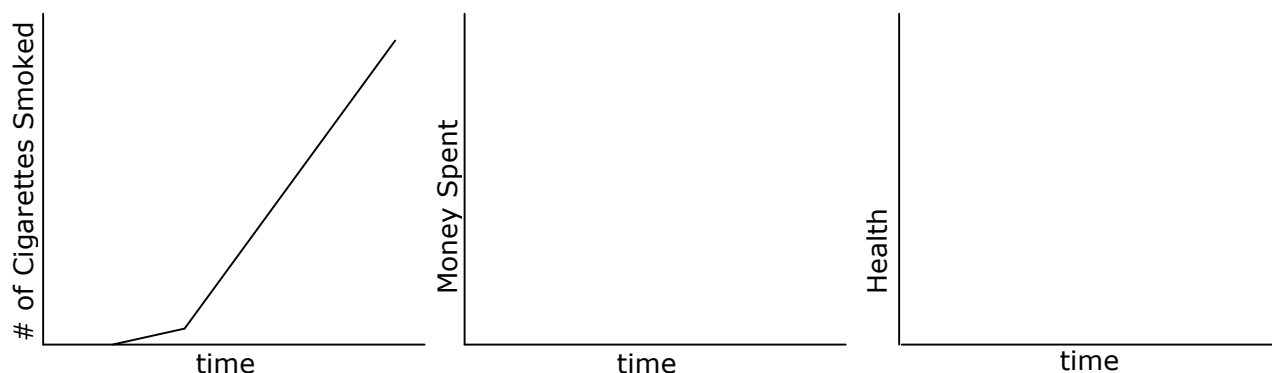
Now draw a graph of how you think his/her health changed over time.



Explain what caused his health to get better or worse over time.

Write a paragraph about one of your simulation runs. Talk about what happened with health and money spent over time.

Assuming that the total number of cigarettes smoked goes up over time as shown, create behavior-over-time graphs for money spent and health:



Explain how the graphs affect each other.

What are some long-term benefits to being able to live a long and healthy life?

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What could you afford to do/buy with the "money spent" from one of the simulation studies? List several possibilities.

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